RAW SEQUENCE LISTING PATENT APPLICATION US/09/371,333

DATE: 09/20/1999 TIME: 13:23:52

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This Raw Listing contains the General Information Section and up to the first 5 pages.

1			SE	QUENCE LISTING	
2 3	(1) Gener	ral Informat	tion		
4					ENTERE
5	(i)	APPLICANT:	Xu, Wenfeng		
6			Presnell, Sc		
7			Yee, David P		
8			Foster, Dona	ld C.	
9	44.43	<u>.</u>			
10	(11)			PROTEASE-ACTIVA	ATED RECEPTOR
11		PAR4 (2	ZCHEMR2)		
12	(222)	\	anompyana 1	•	
13 14	(111)) NUMBER OF	SEQUENCES: 1	2	
15	(i.r.)	CODDECDOND	ENCE ADDRESS:		
16	•		: ZymoGenetic	e Inc	
17			: Zymodenetic 201 Eastlake	•	
18	, ,) CITY: Seat		Avenue East	
19	, - ,) STATE: WA			
20) COUNTRY: U			
21	, ,) ZIP: 98102			
22	(- /	,	_		
23	(v) (COMPUTER REA	ADABLE FORM:		
24	(A)) MEDIUM TY	PE: Diskette		
25	(B)) COMPUTER:	IBM Compatib	le	
26			SYSTEM: DOS		
27	(D)) SOFTWARE:	FastSEQ for	Windows Version	2.0
28					
29	(vi)	CURRENT API	PLICATION DAT	A:	
30	(A)) APPLICATIO	ON NUMBER: 09	/371,333	
31	· - ·) FILING DAT	 :		
32	(C)) CLASSIFICA	ATION:		
33					
34		="	LICATION DATA		
35			ON NUMBER: 09	/053,866	
36	(B)) FILING DAT	re:		
37					
38	1	/\	/		
39			AGENT INFORM	ATION:	
40		NAME: Leit		2 (10	
41 42			ION NUMBER: 3	•	
42	(C)	REFERENCE/	DOCKET NUMBE	W: 30-TA	
44	(iv)	TRI.ECOMMINIT	ICATION INFOR	ΜΔΤΤΟΝ•	
45			: 206-442-667		
16			. 200-442-00/	•	

RAW SEQUENCE LISTING PATENT APPLICATION US/09/371,333

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47	(C)	TELEX:												
48														
49														
50	(2) INFORMATION F	OR SEQ ID NO:1:											
51														
52	(i) S	EQUENCE CHARACT	ERISTICS:											
53	(A)	LENGTH: 4895 b	ase pairs											
54	(B)	TYPE: nucleic	acid											
55	(C)	STRANDEDNESS:	single											
56	(D)	TOPOLOGY: line	ar											
57				·										
58	(ix) FEATURE:													
59														
60	(A) NAME/KEY: Cod	ing Sequence											
61) LOCATION: 176												
62	•) OTHER INFORMA												
63	,_	, , , , , , , , , , , , , , , , , , , ,												
64	(xi)	SEQUENCE DESCRI	PTION: SEQ ID NO:1:											
65	(222)	DIQUINCE DECOME	2110111 220 12 110121											
66	CTCCCACGG	רייניירייניים אניים	GCCCTG GTGGGTCTGC GGGGGC	AGGG GCAGCCTTCC 60										
67		-	TGCTCG TCCGCCTCGG CTCCAG											
68			GGCCAC AGCCCAGAGC AGCCTG											
69	GGTCCGGCGA	GGCAGGAAGC CIGA	GOCCAC AGCCCAGAGC AGCCTC	Met										
70				1										
				1										
71	maa aaa aas	ama ama ama ma	a aga ama ama ama aca mi	10 NCC ORC TOT 226										
72 73			G CCC CTG GTG CTG GGG TT											
73	Trp GIY Arg		p Pro Leu Val Leu Gly Ph											
74		5	10	15										
75	222 222 222	ara raa aaa ra	G GMG M1G G1G G1G 1GG GG	10 100 100 001 074										
76			C GTC TAC GAC GAG AGC GG											
77		Gin Thr Pro Se	r Val Tyr Asp Glu Ser Gl											
78	20		25 30											
79														
80			C TCA ATC CTG CCT GCC CC											
81		_	o Ser Ile Leu Pro Ala Pr	o Arg Gly Tyr										
82	35	40	. 45											
83														
84			T GAC AGT GAC ACC CTG GA											
85	-	-	n Asp Ser Asp Thr Leu Gl	_										
86	50	55	60	65										
87														
88			G GGC TGG GTG CCC ACC AG											
89	Ser Ser Arg	Ala Leu Leu Le	u Gly Trp Val Pro Thr Ar	g Leu Val Pro										
90		70	75	80										
91														
92	GCC CTC TAT	GGG CTG GTC CT	G GTG GTG GGG CTG CCG GC	C AAT GGG CTG 466										
93	Ala Leu Tyr	Gly Leu Val Le	u Val Val Gly Leu Pro Al	a Asn Gly Leu ·										
94		85	90	95										
95														
96	GCG CTG TGG	GTG CTG GCC AC	G CAG GCA CCT CGG CTG CC	C TCC ACC ATG 514										
97	Ala Leu Trp	Val Leu Ala Th	r Gln Ala Pro Arg Leu Pr	o Ser Thr Met										
98	100		105 11											
99														

RAW SEQUENCE LISTING PATENT APPLICATION US/09/371,333

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101															IN	PUT S	ET: \$33	395.raw
103	100	CTG	CTG	ATG	AAC	CTC	GCG	ACT	GCT	GAC	CTC	CTG	CTG	GCC	CTG	GCG	CTG	562
103	101	Leu	Leu	Met	Asn	Leu	Ala	Thr	Ala	Asp	Leu	Leu	Leu	Ala	Leu	Ala	Leu	
104 CCC CCG CGG ATC GCC TAC CAC CTG CGT GGC CAG CGC TGC GCC TTC GGG 130	102		115					120					125					
106	103																	
106	104																	610
107	105	Pro	Pro	Arg	Ile	Ala	Tyr	His	Leu	Arg	Gly	Gln	Arg	Trp	Pro	Phe	Gly	
108		130					135					140					145	
109																		
150																		658
111		Glu	Ala	Ala	Cys	_	Leu	Ala	Thr	Ala		Leu	Tyr	GIY	His		Tyr	
113 GGC TCA GTG CTG CTG CTG GCC GTC AGC CTG GAT CGC TAC CTG GCC 706						150					155					160		
113 Gly Ser Val Leu Leu Leu Ala Ala Val Ser Leu Asp Arg Tyr Leu Ala 175		222	max.	ama.	ama	ama.	ama	000	~~~	ama	300	ama	C 3 III	000	ma a	ama	000	706
114																		/06
115		GIY	ser	vai		ьeu	Leu	Ата	ALA		ser	ьeu	Asp	Arg	_	ьеu	Ala	
116					102					1/0					1/5			
117		CTTC	CTC	CAC.	CCC	CTTC	ccc	ccc	ccc	ccc	CTC	CCT	ccc	ccc	ccc	CTC	ccc	754
118																		754
119		Бец	Val		PIO	пец	Arg	AIG		AIG	шеш	AT 9	GLY	_	Arg	Бец	AIG	
120				100					103					100				
Leu Gly Leu Cys Met Ala Ala Trp Leu Met Ala Ala Ala Leu Ala Leu 122 195 200 205		СТТ	GGA	СТС	TGC	ATG	GCT	GCT	ፐርር	СТС	ATG:	GCG	GCC	GCC	CTG	GCA	CTG	802
122		-																
123			_		-1-													
124																		
125		CCC	CTG	ACA	CTG	CAG	CGG	CAG	ACC	TTC	CGG	CTG	GCG	CGC	TCC	GAT	CGC	850
126	125																	
128	126						. =							_		_	-	
129	127						•											•
130	128	GTG	CTC	TGC	CAT	GAC	GCG	CTG	CCC	CTG	GAC	GCA	CAG	GCC	TCC	CAC	TGG	898
131 132 133 CAA CCG GCC TTC ACC TGC CTG GCG CTG TTG GGC TGT TTC CTG CCC CTG 946 134 Gln Pro Ala Phe Thr Cys Leu Ala Leu Leu Gly Cys Phe Leu Pro Leu 135	129	Val	Leu	Cys	His	Asp	Ala	Leu	Pro	Leu	Asp	Ala	Gln	Ala	Ser	His	Trp	
132 133	130					230					235					240		
133	131																	
134 Gln Pro Ala Phe Thr Cys Leu Ala Leu Leu Gly Cys Phe Leu Pro Leu 135	132																	
135																		946
136 137		Gln	Pro	Ala		Thr	Cys	Leu	Ala		Leu	Gly	Cys	Phe		Pro	Leu	
137 CTG GCC ATG CTG CTG TGC TAC GGG GCC ACC CTG CAC ACG CTG GCG GCC 994 138 Leu Ala Met Leu Leu Cys Tyr Gly Ala Thr Leu His Thr Leu Ala Ala 139 260 265 270 140 141 AGC GGC CGG CGC TAC GGC CAC GCG CTG AGG CTG ACC GCA GTG GTG CTG 142 Ser Gly Arg Arg Tyr Gly His Ala Leu Arg Leu Thr Ala Val Val Leu 143 275 280 285 144 145 GCC TCC GCC GTG GCC TTC TTC GTG CCC AGC AAC CTG CTG CTG CTG CTG 1090 146 Ala Ser Ala Val Ala Phe Phe Val Pro Ser Asn Leu Leu Leu Leu 147 290 295 300 305 148 149 CAT TAC TCG GAC CCG AGC CCC AGC GCC TGG GGC AAC CTC TAT GGT GCC 1138 150 His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 151 310 315 320					245					250					255			
138										~~~		~~~	~~~		~=~	~~~	~~~	204
139																		994
140 141 AGC GGC CGG CGC TAC GGC CAC GCG CTG AGG CTG ACC GCA GTG GTG CTG 1042 142 Ser Gly Arg Arg Tyr Gly His Ala Leu Arg Leu Thr Ala Val Val Leu 1042 143 275 280 285 144 275 280 285 144 4 6CC TCC GCC GTG GCC TTC TTC GTG CCC AGC AAC CTG CTG CTG CTG CTG CTG 1090 146 Ala Ser Ala Val Ala Phe Phe Val Pro Ser Asn Leu Leu Leu Leu Leu Leu 147 290 295 300 305 148 300 305 148 310 315 320		Leu	Ата		Leu	ьeu	Cys	Tyr	_	Ата	Thr	ьеu	HIS		ьеи	Ата	Ата	
141 AGC GGC CGG CGC TAC GGC CAC GCG CTG AGG CTG ACC GCA GTG GTG CTG 1042 142 Ser Gly Arg Arg Tyr Gly His Ala Leu Arg Leu Thr Ala Val Val Leu 1042 143 275 280 285 144 280 285 145 GCC TCC GCC GTG GCC TTC TTC TTC GTG CCC AGC AAC CTG CTG CTG CTG CTG CTG 1090 146 Ala Ser Ala Val Ala Phe Phe Val Pro Ser Asn Leu Leu Leu Leu Leu 147 290 295 300 305 148 CAT TAC TCG GAC CCG AGC CCC AGC GCC TGG GGC AAC CTC TAT GGT GCC 1138 150 His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 310 315				260					265					270				
142 Ser Gly Arg Arg Tyr Gly His Ala Leu Arg Leu Thr Ala Val Val Leu 143 275 280 285 144 285 285 285 144 275 280 285 144 280 285 285 144 280 285 285 145 GCC TCC GCC GTG GCC TTC TTC TTC GTG CCC AGC AAC CTG CTG CTG CTG CTG CTG CTG CTG CTG CT		200	ccc	aaa	000	ma a	aaa	as a	ccc	CITIC	700	СШС	700	CCA	CITIC	CEC	CITIC	1042
143 275 280 285 144 290 285 285 146 Ala Ser Ala Val Ala Phe Phe Val Pro Ser Asn Leu																		1042
144 145 GCC TCC GCC GTG GCC TTC TTC GTG CCC AGC AAC CTG CTG CTG CTG CTG 146 Ala Ser Ala Val Ala Phe Phe Val Pro Ser Asn Leu Leu Leu Leu Leu 147 290 295 300 305 148 149 CAT TAC TCG GAC CCG AGC CCC AGC GCC TGG GGC AAC CTC TAT GGT GCC 150 His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 151 310 315 320		Ser	_	ALG	Arg	ıyı	GIY		на	пеп	Arg	neu		AIA	vaı	vaı	пеп	
145 GCC TCC GCC GTG GCC TTC TTC GTG CCC AGC AAC CTG CTG CTG CTG CTG 146 Ala Ser Ala Val Ala Phe Phe Val Pro Ser Asn Leu Leu Leu Leu Leu 147 290 295 300 305 148 149 CAT TAC TCG GAC CCG AGC CCC AGC GCC TGG GGC AAC CTC TAT GGT GCC 150 His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 151 310 315 320			213					200					205					
Ala Ser Ala Val Ala Phe Phe Val Pro Ser Asn Leu Leu Leu Leu Leu Leu 147 290 295 300 305 148 149 CAT TAC TCG GAC CCG AGC CCC AGC GCC TGG GGC AAC CTC TAT GGT GCC 150 His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 310 315 320		GCC	TCC	GCC	GTG	GCC	ጥጥር	TTC	GTG	CCC	AGC	אאר	СТС	CTG	CTG	CTG	СТС	1090
147 290 295 300 305 148 149 CAT TAC TCG GAC CCG AGC CCC AGC GCC TGG GGC AAC CTC TAT GGT GCC 150 His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 151 310 315 320																		_0,0
148 149 CAT TAC TCG GAC CCG AGC CCC AGC GCC TGG GGC AAC CTC TAT GGT GCC 150 His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 151 310 315 320															~			
CAT TAC TCG GAC CCG AGC CCC AGC GCC TGG GGC AAC CTC TAT GGT GCC His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 310 315 320																		
150 His Tyr Ser Asp Pro Ser Pro Ser Ala Trp Gly Asn Leu Tyr Gly Ala 151 310 315 320		CAT	TAC	TCG	GAC	CCG	AGC	CCC	AGC	GCC	TGG	GGC	AAC	CTC	TAT	GGT	GCC	1138
151 310 315 320																		
152	151		-		-						_	-			_	_		
	152																	

RAW SEQUENCE LISTING

DATE: 09/20/1999 PATENT APPLICATION US/09/371,333 TIME: 13:23:53 INPUT SET: S33395.raw TAC GTG CCC AGC CTG GCG CTG AGC ACC CTC AAC AGC TGC GTG GAT CCC Tyr Val Pro Ser Leu Ala Leu Ser Thr Leu Asn Ser Cys Val Asp Pro TTC ATC TAC TAC GTG TCG GCC GAG TTC AGG GAC AAG GTG CGG GCA

GGG CTC TTC CAA CGG TCG CCG GGG GAC ACC GTG GCC TCC AAG GCC TCT Gly Leu Phe Gln Arg Ser Pro Gly Asp Thr Val Ala Ser Lys Ala Ser GCG GAA GGG GGC AGC CGG GGC ATG GGC ACC CAC TCC TCT TTG CTC CAG T

Phe Ile Tyr Tyr Val Ser Ala Glu Phe Arg Asp Lys Val Arg Ala

Ala Glu Gly Gly Ser Arg Gly Met Gly Thr His Ser Ser Leu Leu Gln

GACACAAAGT GGGGAAGGCT GTACTGGGTC GAACAGGGTC CCTTCCCCCA CTTCACGTCC TTCCTGGGAC CTCAGAATGT GACCTTATTT GGAAATAGGG TTGTTACAAC TGTCACTAGC GGAGGTCACT TTGGAGAAGG GTGGGCCTTA CATCCAGTGT GGGTGGTGTC CTCATAAGAT AAGGAGAGGC CAGGCCTGGT GGCTCACGCC TGTAATCCCA GCACTTTAAG AGGCCAAGGC GGATGGATCA CTTGAGCCCA GGAGTTCAAC ACCAGCCTGA GCAACATGGT AAAACCCCAT CTCTACCAAA AATACAAAAA TTAGCTGGGC TTGGTGGCTG GCGCCTGTAA TCCCAGCTAC TCAGGAGACT GAGGCAGAAG GATCGCTTGA ACCTGGGAGG CAGAGGTTGC AGTGAGCCGA GATTGCGCCA CTGGACTCCA GCCTGCGTGA CAGAGAGCCT GTCTCTAAAT TAATTAATTA ATTAATTTAA TTCAATTTTA AAAAGACGAA AAGTGACGGC CAGGTGCAGT GGCTCACGCC TATAATCTCA GCACTCTGGG AGGCCAAGAT GGAGGATTGC TTGAAGCCAG GAGTTTGGGA CCAGCCTGGG CAACATAGGG GGATCCCATC TCTACACACA AAAAAATTTT TTAATGAACC AGGCATTGTG GCATGCGCCT ATAGTCCCAG CCACTCAAGA GGCACAGGCG GGAGGATCAC TTGAGCCTGG GAGGTTGTGG TTGCAGTGAG CTATGATTGT ACCACTGCAC TCCAGCCTGG GCAACAGAGC AAGACCTTGT CTCAAAAATA AACAAACTAA AATTAAAAAA AGAAGACGAG AGATAGTGGG TGTGGTGGCT CACACCTGCA ATCCCAGCAC TTTGGAAGGC CGAGGTGGGC AGATCATCTG AGGCCAGGAG TTCAAGACCA GCCTGGCTAA CATGGTGAAA TCCTATCTCT ACCAAAAATA CAAAAATTAG CCAGGCGTGG TGGTGGGCAC CTGTACTGGG GAGGTGCCCA CCCAGCTACT GGGGAGGCTG AGTCAGGAGA ATCGCTTGAA CCTGGGAGGC GGAGGTTGCG GTCAGCTGAG ATGGTGCCAC TGCACTCCAG CCTGGGCGAA AGAGCGACTC TGTCTCCAAA AAAAAGAGAA GAGGAGAGGA CACAGAGACA CACAGAGAAG AAAGCCATGT GGCGGCAGAG GCAGAGATGG GAGTGATGCG GACGGACACA AACTAAGGGA TGCCACGATG CCAAGCACAG CCAACAGCCA CCAGCAGCCA GGAGACAGGC CTGGGACGGG CTCTCCCTCA CAGCCTCCAG AGGGAACCAG CCCTGCCACC ACCTTGACCC TGGACTTCTG GCCTGCAGAA CTGTGAGACA ATAAACTCTC ATTGTTTTAA GCTGCCTGGC ATGTGGCACT TTGTCAGGGC AGCCCAGGAA TCTGAAACAG GATCAAACTC TGCTTCCTGG GCCCTGCCAG CATCTCTGGC TCGGCTTTCT GGGCTGGATG CAGCCCACGA CGCACTGGTG TCTGAGATGG GGCTGGAGCT GGGGCTGGGG CTGCATTCCC TGGAGACTCA CTGCAAGTTC CTGCCCAGGA GGCTGAGGGC ACCCCATCCT CAGTGCCCAA TGCTGTGGCC CCACCAGGCC CAGAGCCTGG TTGGCCCATTC TCATGCCCAC CAGCTTCTGG CTTTGGGATG TCTCTTGAGC AACCAGAATA GCACCCCCAA CTCTGCTCCC CAAAACCCAT CACTAGCACG GCTCAGCCTC CTGCTATCCC CTGACTGCTG GGGACCCTCG CCTTCCCTCC TCTCACCTGC AGGCTGATCC TTCTTTTCAC TTTCTGTCAA TGTCACCAGG

GATAAGGTGG GACAATGGGG GGTGGGGGTG GACAGTGTGT GCTGGGGGGT TCGGGTGCTG

CAGACCTGGA ACTCCCTTCT GCCAGGATGT TGGCAGCCGG TTGTAAGCCT TGCACGGGAC

AGACCACACC CACCGCAACC TCATCCCCTC AGCACTAACC ACATCCACTC TCAACCCCGT

CCCCTTCGCA CTGACCACAC CCACCCCGTT CGGCCCCGCC CCCCGCACTG AACACTCCCG

CCCTCAACCC CGCACCCTCC GCACTCACCT CCCCCTCGCC GCTCGACCCC GCCCTCACCA

CACTGACCAC CCTCAACCCA TTGCGCCCAG TCCCCACCAC AGTGACCACA CCCTCACTGG

257 258

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/371,333

TIME: 13:23:53

DATE: 09/20/1999

													IN	PUT S	ET: S3.	3395.raw
206	CTCGGCCC	CTG	CCCC	CAGTA	ГА	CTGA	CCAT	r cc	CCAG	CCAC	TTC	CCTT	CCG	CACT	TACCAC	3611
207	TCCCCCAG	CC .	ACGC	CCCTC	c co	CGCT	GACC	G CT	CCTC	CAGC	CCC	GCCT(CCC	CCGT	ACAGGO	3671
208	AGAGCGCC	CCG	CCCA	CCTCT	A TO	GCTG	CGTT	C TC	CTGA	CTTT	ACG!	rtgg(CCC	CTCC'	rctgcc	3731
209	AAGCCCCC	CAG	GGGA	GCCCT	c co	CTGG	CGTC	C GA	GGGT(GGGA	GTC	GGG'	rgt (GGCA	GCCGC	3791
210	GGTGGGGG	GC:	GGCA	GTGGC	r co	CGCG	CACT	CAC	CCGG	GCCC	CGG	GCAG(GGG (CGCG	CTCCAC	3851
211	TTCGTTGC	CAC	GCGG	GTCCG	G CC	GCAC	AGTT	C CC	GGC(GAGT	GGG	CTGT	GCG '	TGCT	GACGTI	3911
212	GTAGAAGC	CGA	GTGG	CCTCG	A A	GCT	ACGG	G AC	GAGG	GTGG	CGG	GTGA(CCA Z	AGTG	CAGGCG	3971
213	CGACGGGT	CA	GGGA	CCGGG	c co	GGC(CGGG	GT(GCGG(GCGC	GCG	GCC.	rac (CGGG'	TTCGTA	4031
214	GTAGTCGT	CAC .	ACGG.	AGACT	G G	CAGC	GCCG2	A CG'	rcct(GCCC	ACC	ACGC	ACT (CCCG	GAGAGO	4091
215	ACGGAACC	CGC .	ACGC	ACGTC	A GO	GCAC(CGGC'	r GG	GGAT(CTGT	GGG	GCAG(CGG	CGGG	CGCAGG	4151
216	CTCGACCC	CGG	GCCA	GGAGG	c c	CGGG(GCGC'	r GA	GCTC	AGGC	CCA	GAAC'	rgg (CTGA:	TTTCAG	4211
217	GGATACCC	CAG	GACG	CGTGA	A A	CACA	GAAG	AA A	CGTG	ATCC	CAT	rttc:	rtt '	TTTT	CTTTTA	4271
218	CTTTTCTT	TT	TTTT'	TTTTT	г т	CCTG	AGAC	A GA	GTCT(CGCG	CTG	rtgc	CCA (GGCT	GAGTO	4331
219	CAGTGGCG	TG .	ATCT	CGGCT	CAC	CTGC	AAGC'	r cg	GCCT(CCTG	GGT.	rcaa.	ATG I	ATTC	CCTGC	4391
220	CTCAGCCT	CC	CAAG'	TAGCT	G GC	GATA	ACAG	G CG	CCCA	CCAC	CGC	ACCC'	rgc '	TAAT:	rtttt:	4451
221	TATTTTTG	TAS	CAAG	ACGGA	3 T7	rtca(CCAT	TT(GCC2	AGGC	TGG	CTC	CAA (CTCC	rgccc1	4511
222	CAAGTGAT	CC	GCCT	CGGTC	C C	ATTTT:	TTTA:	r TC	rttg	GTC	CTT	CCAT	CCC 2	ACTG	GAAAA	4571
223	CGTCTCAG	GT	GGCC'	TCTGA	A A	CACC	ACTC	C TT	rttg:	rgtg	TGT	GCAC	GCA '	TGGC'	rgagca	4631
224	TGTGTGGG	TG	GGAG'	TCAGC	A C	ATTC	ACGA!	r AC	rgtg(CAAT	CAT	CACC	rct (GTCT	AGTTAC	4691
225	AGGACGGT	TT	CTTT	CTCCC	C CI	AAAG	AAAC	CC	ATCG	CCAT	CAG	CACT	CAC '	TCCC	CACTCC	4751
226	CCCAGCCC	CT	GGCA	ACCAC.	A A	ATCT:	TTCC	A AC'	CTA	CGGA	TTTC	CCT	STT (CTGG	CATTI	4811
227														4871		
228														4895		
229																
230		(2) IN	FORMA	CION	V FOI	R SE	Q ID	NO:	2:						
231																
232	(i	.) S	EQUE	NCE C	HAR	ACTE	RIST	ICS:								
233		(A)	LEN	GTH:	385	amir	no a	cids								
234		(B)	TYP	E: am	ino	acio	£									
235		(C)	STR	ANDED	NESS	3: s:	ingle	€								
236		(D)	TOP	DLOGY	: li	inear	r									
237																
238	(i	.i)	MOLE	CULE '	[YPE	E: pi	rote:	in								
239	(v	r) F	RAGMI	ENT T	YPE:	int	cerna	al								
240																
241	(x	(i)	SEQUI	ENCE I	DESC	CRIPT	CION:	SE	OI C	NO: 2	2:					
242																
243	Met Trp	Gly	Arg	Leu :	Leu	Leu	Trp	${\tt Pro}$	Leu	Val	Leu	Gly	Phe	Ser	Leu	
244	1			5					10					15		
245	Ser Gly	Gly	Thr	Gln '	Thr	Pro	Ser	Val	Tyr	Asp	Glu	Ser	Gly	Ser	Thr	
246			20					25					30			
247	Gly Gly	Gly	Asp	Asp :	Ser	Thr	Pro	Ser	Ile	Leu	Pro	Ala	${\tt Pro}$	Arg	Gly	
248		35					40					45				
249	Tyr Pro	Gly	Gln	Val (Cys	Ala	Asn	Asp	Ser	Asp	Thr	Leu	Glu	Leu	Pro	
250	50					55					60					
251	Asp Ser	Ser	Arg	Ala 1	Leu	Leu	Leu	Gly	Trp	Val	${\tt Pro}$	Thr	Arg	Leu	Val	
252	65				70					75					80	
253	Pro Ala	Leu	Tyr	Gly 1	Leu	Val	Leu	Val	Val	Gly	Leu	Pro	Ala	Asn	Gly	
254			_	85					90					95		
	Leu Ala	Leu	Trp		Leu	Ala	Thr	Gln 105		Pro	Arg	Leu	Pro		Thr	

Met Leu Leu Met Asn Leu Ala Thr Ala Asp Leu Leu Ala Leu Ala

125

120

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/09/371,333

DATE: 09/20/1999 TIME: 13:23:53

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Line Error

Original Text

SEQUENCE MISSING ITEM REPORT PATENT APPLICATION US/09/371,333

DATE: 09/20/1999 TIME: 13:23:53

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< < THERE ARE NO ITEMS MISSING >>

SEQUENCE CORRECTION REPORT PATENT APPLICATION US/09/371,333

DATE: 09/20/1999 TIME: 13:23:53

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Line Original Text Corrected Text

3 (1) General Information (1) GENERAL INFORMATION:
10 (ii) TITLE OF THE INVENTION: PROTEASE-ACTIVAT (ii) TITLE OF INVENTION: PROTEASE-ACTIVATED R